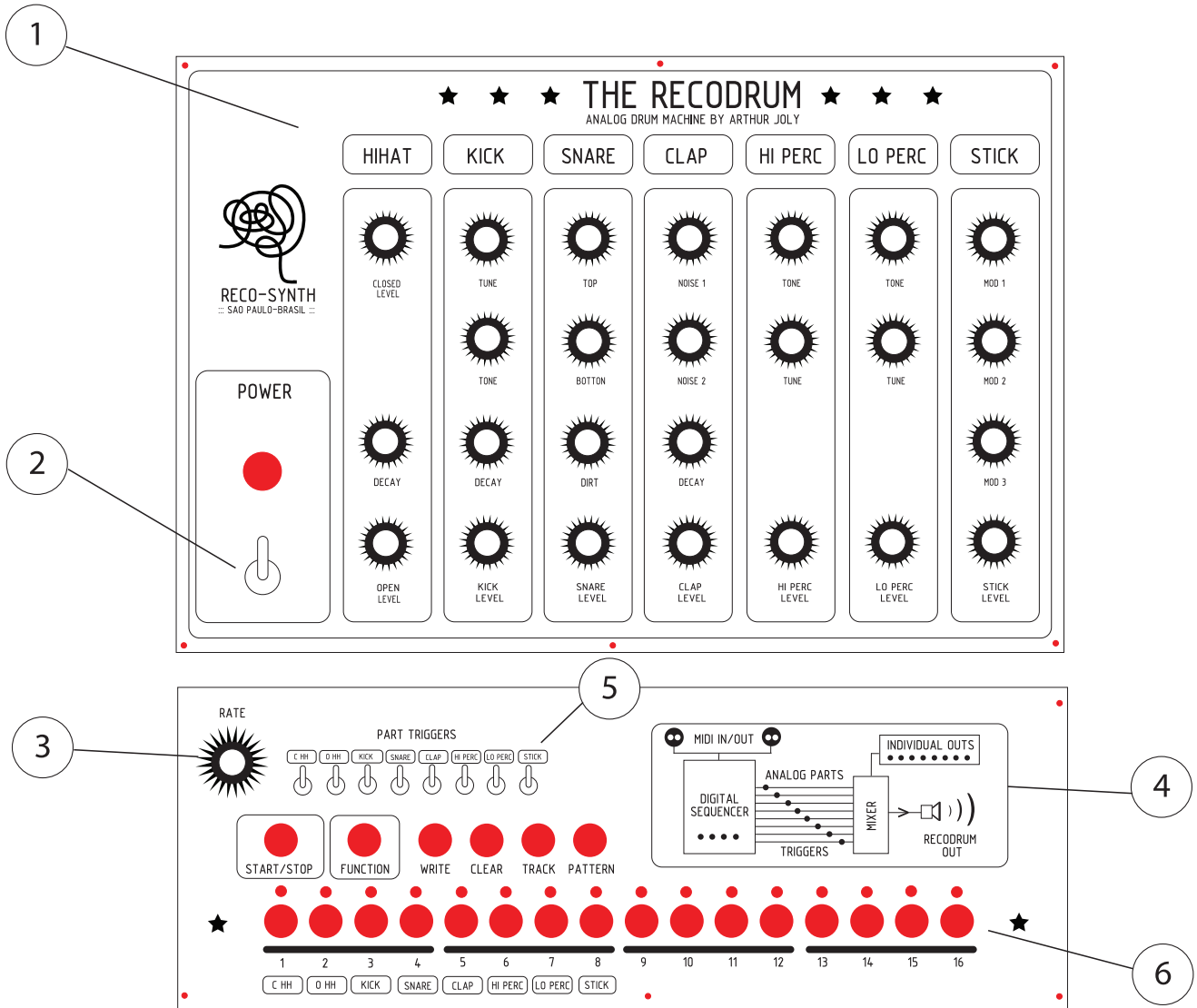
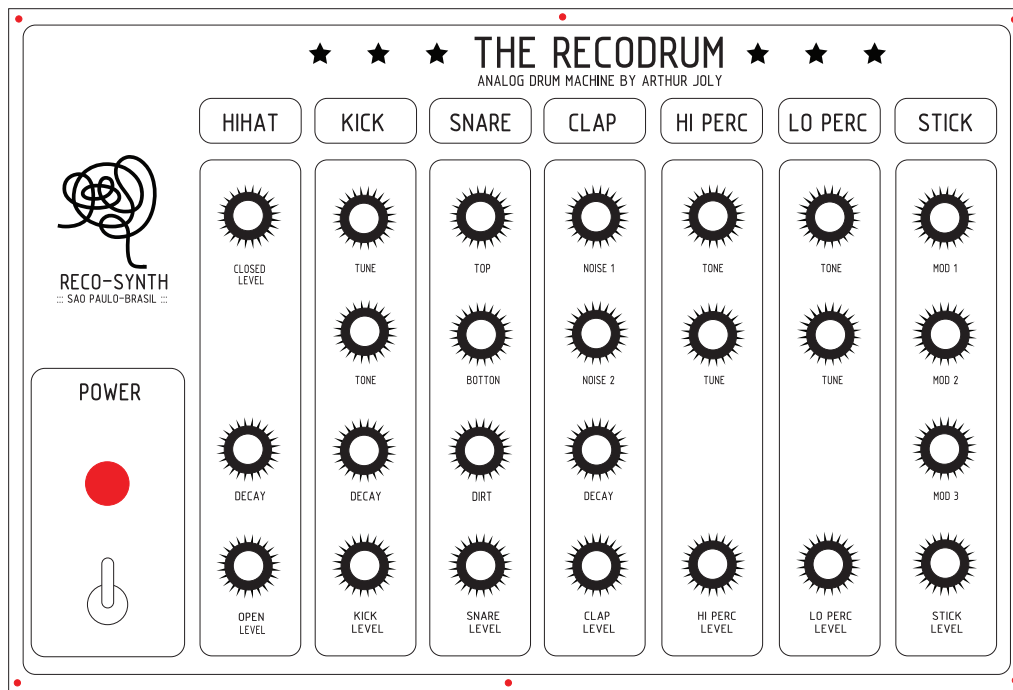


# RECODRUM MANUAL



- 1 - ANALOG VOICES
- 2 - POWER SWITCH
- 3 - BPM RATE
- 4 - BLOCK DIAGRAM
- 5 - TRIGGERS ON/OFF SWITCHES
- 6 - SEQUENCER PUSH BUTTONS



## ANALOG PARTS

The Reco-Drum is made of a huge amount of thru hole electronic components soldered by hand one by one. This is how analog equipment were built before the robots and the SMD components. This was also how drum machines were made before the EPROM and all the digital classic Drum Machines as The LinnDrum and Oberhein DX.

Yes, the TR-808 is the drum machine that inspired this equipment. Oscilators, envelopes, VCAs and noise generators combined with a digital based sequencer that organize the analog sounds into infinite grooves.

This parts are :

### 1- CLOSED HAT

Volume Knob

### 2- OPEN HAT

Volume Knob

Decay Knob (adds more decay to the open hat)

### 3 - KICK

Tune Knob (tunes the pitch of the Bass Drum)

Tone Knob (adds more kick to the Bass Drum)

Decay Knob (adds more decay to the low end)

Volume Knob

### 4 - SNARE

Top Knob (tunes the pitch of the snare)

Bottom Knob (adds or eliminates the noise of the snare)

Noise nob (changes the intensity of the noise)

Volume Knob

### 5- CLAP

Noise1 Knob - Noise Filter

Noise2 Knob - Noise Filter

Decay - from regular clap to infinite noise

Volume Knob

### 6- HI PERC

Tone Knob - short decay until tone generator

Tune Knob - tunes the pitch of the HI PERC

Volume Knob

### 7- LO PERC

Tone Knob - short decay until tone generator

Tune Knob - tunes the pitch of the LO PERC

Volume Knob

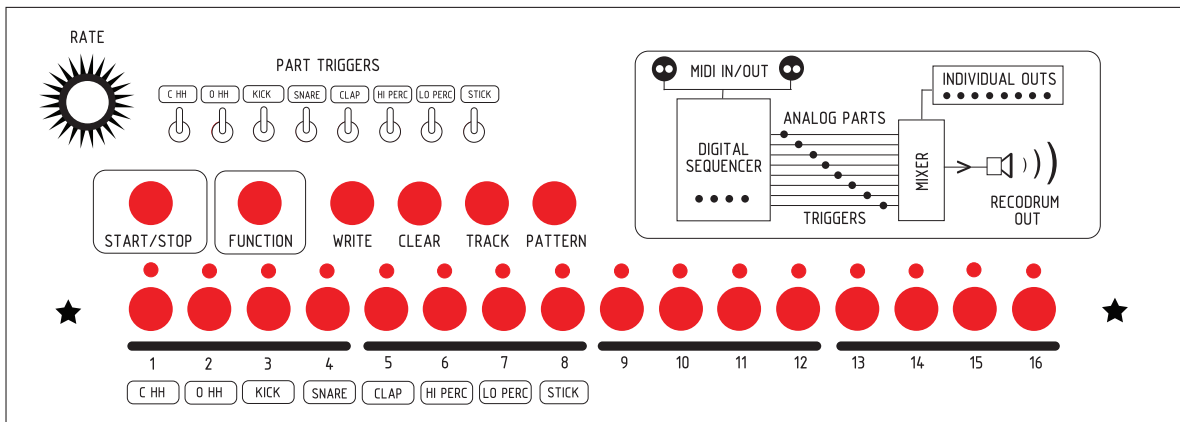
### 8- STICK

Mod 1 Knob - Modulates VCO1

Mod 2 Knob - Modulates VCO2

Mod 3 Knob - Modulates VCO3

Volume Knob



## THE SEQUENCER

The Recodrum patterns has 16 steps.

You can store 15 patterns on your Recodrum. Pattern 1 is always empty.

When you press STOP, the pattern and everything you have done is automatically saved.

The main commands are :

1 - Tap recording + quantizer (WRITE + Button 1-8)

Pressing Write and the selected part you can tap record.

2 - Pattern Selector (PATTERN + Button 1-16)

You select the patterns , even when the sequencer is running.

3- TRACK Selector (TRACK + Button 1-8)

You select the analog part(track) that you will edit on the timeline.

4 - CLEARING A TRACK (CLEAR + TRACK + BUTTON 1-8)

If you want to clear just a selected part (track).

5 - CLEARING A PATTERN (CLEAR + PATTERN + BUTTON 1-16)

If you want to clear just a selected pattern.

6 - Looping (FUNCTION + BUTTON 1-16)

Pressing once you select the begin and end of your loop

7- CLEAR LOOP (FUNCTION + CLEAR)

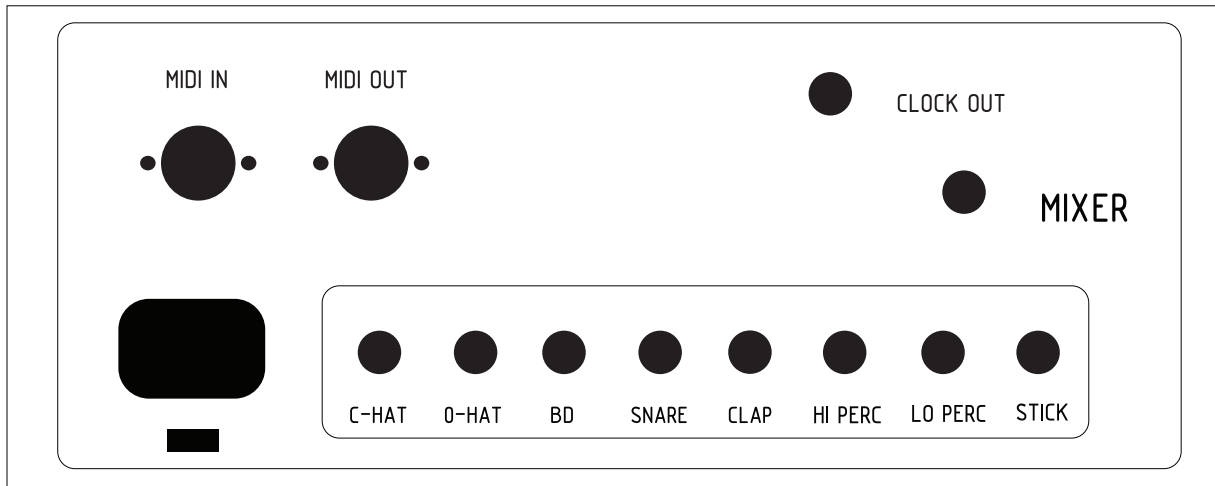
8 - PLAY parts without saving (TAP + FN + BUTTON 1-8)

9- Randomize track (FUNCTION + TRACK + BUTTON 1-8)

10 - Copy patterns (FUNCTION + PATTERN + BUTTON 1-16)

11 - Reset Sequence without stopping (FN + START / STOP)

12 - Shuffle - (TRACK + PATTERN + BUTTON 1-8)



MIDI IN - (Channel 10 - Note 48 to 56)  
MIDI OUT - (Channel 10 - Note 48 to 56)

CLOCK OUT - 5V Pulses

OUTPUT MIXER - Mono Mixed Parts from Recodrum front panel

INDIVIDUAL OUTPUTS - To be mixed outside the Recodrum

VOLTAGE SELECTOR - 110V - 220V

AC INPUT (fuse 1A)

MORE INFO AT [www.recosynth.com](http://www.recosynth.com)  
or mail to : [arthurjoly@gmail.com](mailto:arthurjoly@gmail.com)